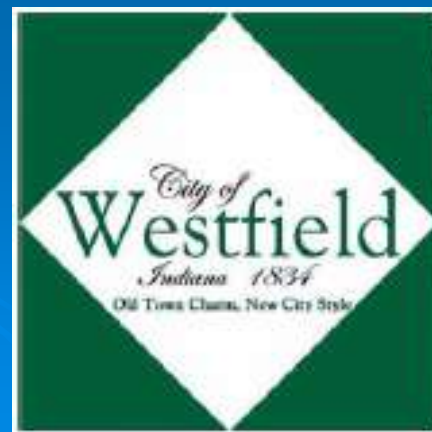



Stormwater, Wellhead Protection and Drainage WeCAN Group Meeting



Agenda

- Why Stormwater?
 - Stormwater Utility Fee
 - Uses for the Stormwater Utility Fee
 - What is Stormwater?
 - Wellhead Protection
 - Drainage Issues
 - Questions and Comments
- 

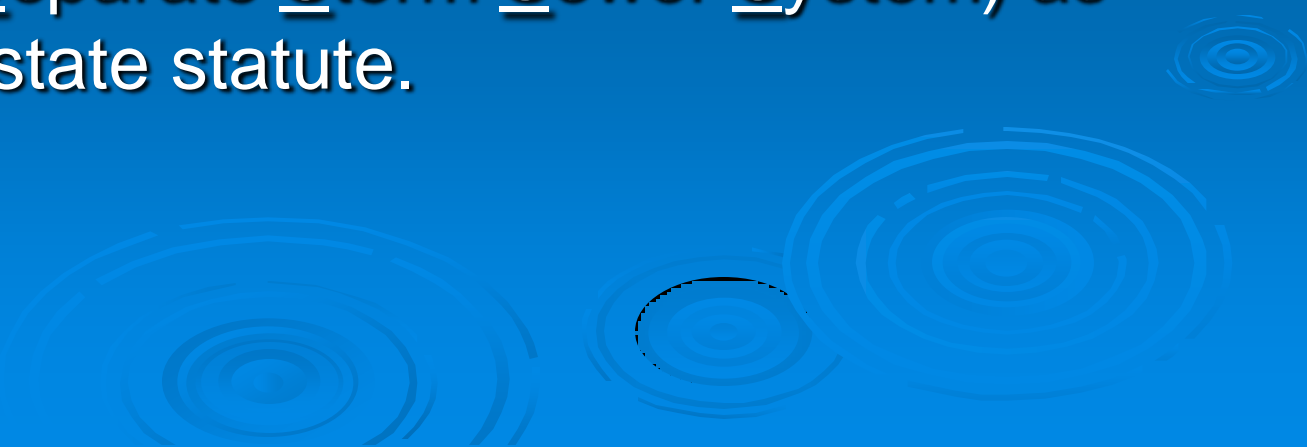
Why Stormwater?

- The 1987 amendments to the Clean Water Act addressed water quality impacts from Stormwater. The United States Environmental Protection Agency (USEPA) now considers stormwater pollution to be one of the most significant contributors of contamination to our nation's waters.

Why Stormwater?

As a result, states and municipalities are required to regulate discharges into ditches, creeks, streams, rivers, ponds, and lakes.

On November 5, 2003 Westfield filed permit application documents to be designated an MS4 (Municipal Separate Storm Sewer System) as required by state statute.



Stormwater Utility Fee

The federal and state government do not provide funding to implement the MS4's program requiring regulation of stormwater discharges.

As a result on November 12th , 2007 the Town Council of the Town of Westfield established the Stormwater Utility Fee per Ordinance 07-23 to fund the program.

Why Does the City Need a Stormwater Utility?

- Meet the Requirements of the Stormwater Phase II Program.
- Requires extensive infrastructure to collect, contain, and filter runoff.
- Constructing and maintaining such infrastructure requires a great deal of money.
- Most counties, cities and towns do not have money saved specifically for investing in stormwater quality management programs, and must rely on money in their General or Sanitary Sewer Fund to cover these costs.



Uses for the Stormwater Utility Fee

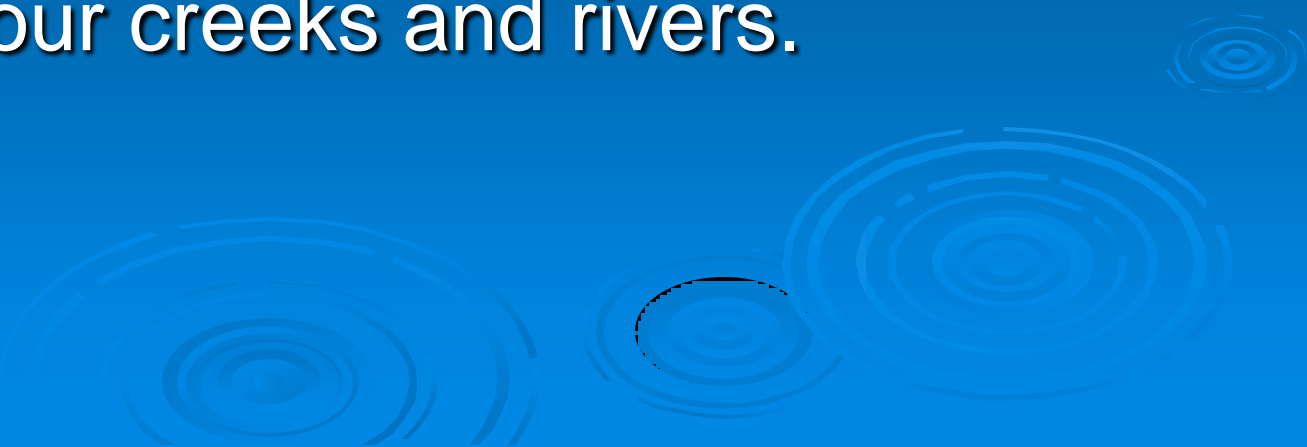
- Public Education
- Stormwater Treatment
- Maintenance of Stormwater infrastructure
- Drainage Improvements
- Allow focused effort on drainage related needs within the community.

Ex: Sycamore / Birch Project



What is Stormwater

When rainwater falls on impervious surfaces, an area where rain water cannot penetrate, it picks up and carries with it a wide variety of harmful pollutants. Such as motor oil, fertilizers, grass clippings, pet waste, and trash and carries it untreated, directly to our creeks and rivers.

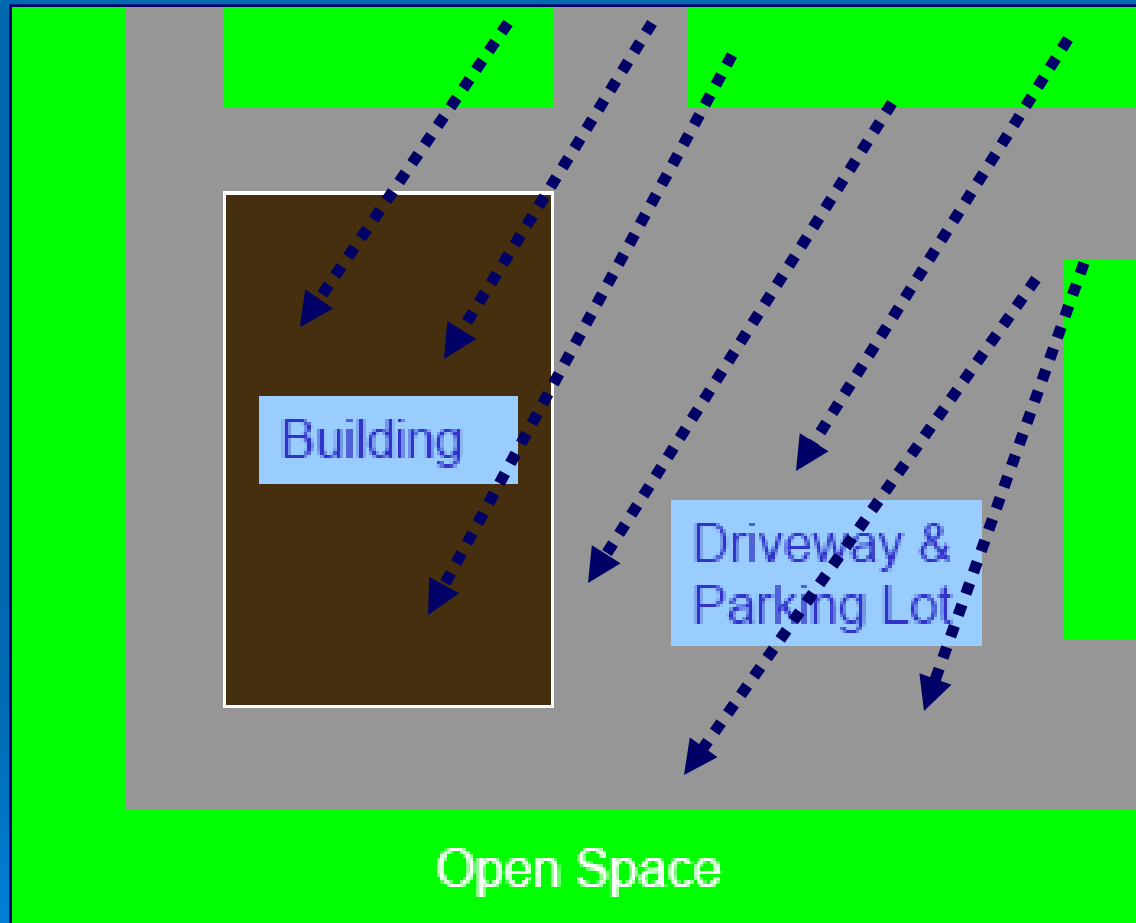


What is Stormwater

Impervious surfaces are areas covered with buildings or home roof tops, streets, driveways and parking lots.



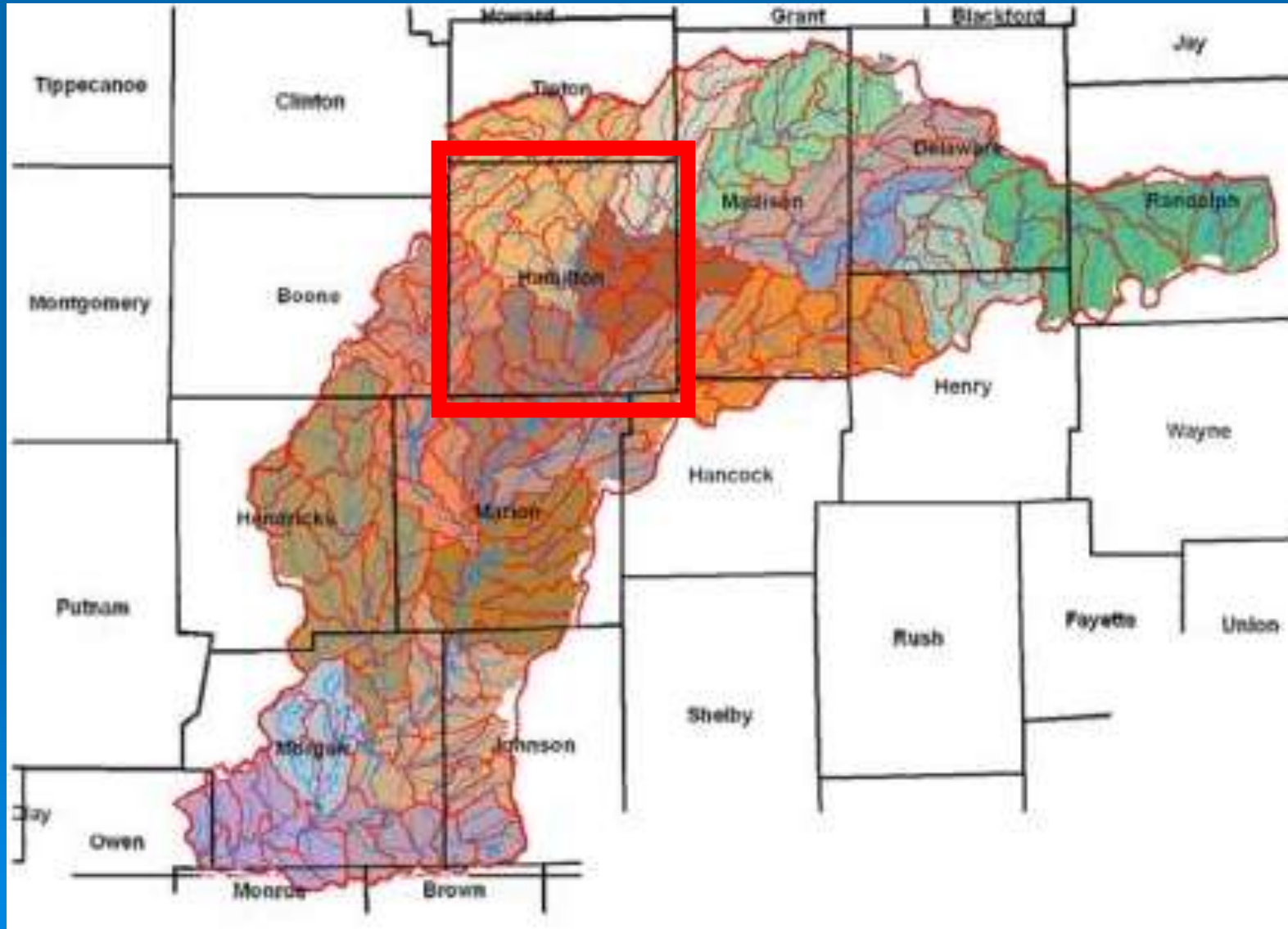
Impervious Surfaces



Impervious Surfaces

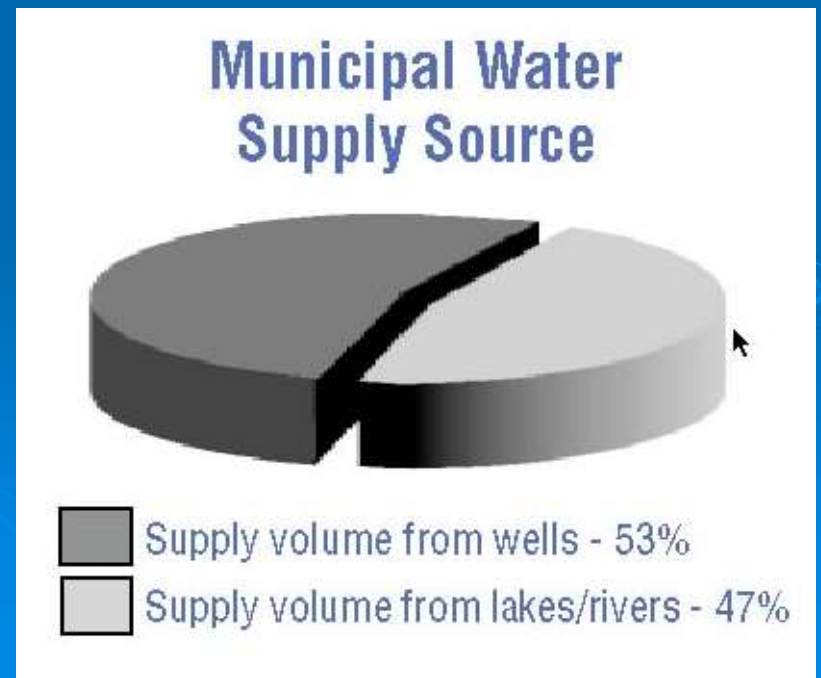


Upper White River Watershed



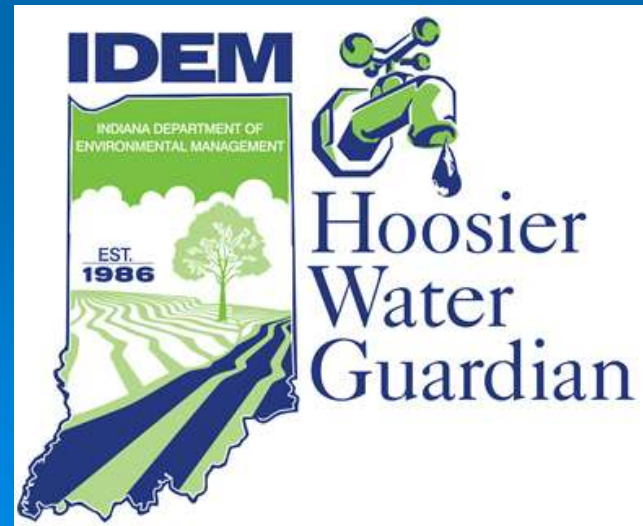
Wellhead Protection

- Wellhead Protection is a way to prevent drinking water from becoming polluted by managing potential sources of contamination in the area which supplies water to a public well.
- Overall, cities and towns in Indiana obtain about half of their total drinking water supply from ground water.



Wellhead Protection

- Much can be done to prevent pollution:
 - Wise use of land and chemicals
 - Public health is protected and expense of treating polluted water or drilling new wells is avoided through wellhead protection efforts



Wellhead Protection

- Indiana Department of Environmental Management (IDEM), Ground Water Section, can provide information on Indiana's Wellhead Protection Program.
- Groundwater Section: (317) 308-3321 or <http://www.in.gov/idem/4289.htm>

Drainage Issues



Drainage Issues

- Address Issues
- Health
- Safety





Questions or Comments??

